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Development of generic testing strategies for mixed-signal integrated circuits

TI Pritchard, PSA Evans, D Taylor - IEE Proc. G, 1992 - ieeexplore.ieee.org

... The paper proposes a test structure for **mixed-signal** ICs, and details the ... of this technique in simulation are presented, and the **ECAD** facilities that have ...

Cited by 1 - Web Search - ieeexplore.ieee.org

Bridging the gap between TCAD and ECAD Methodologies in Deep Sub-micron Interconnect Extraction and ...

NS Nagaraj, P Balsara, C Cantrell, TI Inc, TX ... - VLSI Design, 1999. Proceedings. Twelfth International ..., 1999 - ieeexplore.ieee.org

... Issues related to TCAD interconnect modeling, **ECAD** design methodologies, tools and ...

IC Reliability q Automated synthesis/layout of analog/**mixed signal** designs ...

Web Search - doi.ieeecomputersociety.org - doi.ieeecs.org - ieeexplore.ieee.org

A Data Optimisation Test Technique for Characterizing Embedded ADCs

J Raczkowycz, S Allott, TI Pritchard - Journal of Electronic Testing: Theory and Applications, 1996 - springerlink.com

... of Observation and Characterization Techniques Applied to Embedded Ana- logue to

Digital Converters," IEE Colloquim on Testing **Mixed Signal** Circuits, Digest No ...

Cited by 3 - Web Search

Reuse of IP and Virtual Components

R Seepold - Proceedings of the conference on Design, automation and test ..., 1999 - portal.acm.org

... summarize the market-driven forces and the impact on **ECAD**, the first ... Verification •

IP Protection • Manufacturing Related Test • **Mixed Signal** • On-Chip ...

Cited by 2 - Web Search - hwswworld.com - portal.acm.org

On the development of analogue sampled-data signal processing

G Machado, NC Battersby, C Toumazou - Analog Integrated Circuits and **Signal** Processing, 1997 - springerlink.com

... in a single system, and the economic advantage to be gained from a single chip so-

lution, has led to the emergence of **mixed-mode signal** processing chips. ...

Cited by 4 - Web Search - kluweronline.com - portal.acm.org - csa.com

A New Integrated Metal-Semiconductor Simulation Methodology for On-Chip Electrostatic Discharge ...

HG Feng, K Gong, A Wang - Proc. IEEE/IFIP World Comput. Congr.-Int. Conf. Design ..., 2000 - ifip.or.at

... predictive ESD simulation-design methodology with combined TCAD-**ECAD** simulation

capability ... covers **mixed-signal** IC design, advanced ESD protection design for IC ...

Cited by 2 - View as HTML - Web Search

Using Software Agents to Generate VLSI Layouts

D de Abreu Moreira, LT Walczowski - IEEE Expert: Intelligent Systems and Their Applications, 1997 - ieeexplore.ieee.org

... FULL - CUSTOM DIGITAL AND **MIXED** - **SIGNAL** VLSI LAYOUTS ... Elec- tronic Engineering

Department at the University of Kent, where he has run the **ECAD** Laboratory from ...

Cited by 2 - Web Search - java.icmc.sc.usp.br - java.icmc.usp.br - portal.acm.org - all 5 versions »

Modelling Digital Circuits Problems with Set Constraints

F Azevedo, P Barahona - Computational Logic, 2000 - centria.di.fct.unl.pt

... One particular sub-area of **ECAD** that deserves plenty of ... or to have an LN (#L=1) in the **mixed** representation (pairs ... Since a digital **signal** coded as D does not ...

Cited by 7 - View as HTML - Web Search - centria.di.fct.unl.pt - portal.acm.org

Cell binding specificity of mouse R-cadherin and chromosomal mapping of the gene

H Matsunami, S Miyatani, T Inoue, NG Copeland, DJ ... - J. Cell Sci, 1993 - jcs.biologists.org

... consisting of a **signal** peptide, a precursor peptide and ... When mRL12 cells were **mixed** with RL β 3 cells, the ... have shown previously that Pcad and Ecad are tightly ...

Cited by 32 - Web Search - jcs.biologists.org - ncbi.nlm.nih.gov

Hierarchy - A CHDStd Tool for the Coming Deep Submicron Complex Design Crisis

S Grout, G Ledenbach, RG Bushroe, P Fisher, D ... - ASP-DAC, 1998 - acm.org

... providing means for having a **mixed** logical and ... timing calcula- tion and **signal** integrity

checking ... 1997 [5] Requirements Document - SEMATECH ECAD Program CHDS ...

[View as HTML](#) - [Web Search](#) - [sigda.org](#) - [eda.org](#) - [vhdl.org](#) - [all 5 versions »](#)

Cavity Beam Position Monitors

R Lorenz - Proceedings of the 8th Beam Instrumentation Workshop, SLAC, ..., 1998 - [slac.stanford.edu](#)

... Because of the large **signal** per micron displacement, these resonant monitors
nd applica- tion in situations where the beam signals are weak. ...

[Cited by 6](#) - [View as HTML](#) - [Web Search](#) - [link.aip.org](#)

CHIP HIERARCHICAL DESIGN SYSTEM (CHDS): A FOUNDATION FOR TIMING-DRIVEN PHYSICAL DESIGN INTO THE 21ST ...

A Dengi, P Fisher, S Grout, G Ledenbach, NS ... - Micron, 1997 - [acm.org](#)

... drive, loading, et.al.) and, **mixed** in, test ... physical design routing tools for **signal**,
clock, power ... 1996 [5] Requirements Document - SEMATECH ECAD Program CHDS ...

[View as HTML](#) - [Web Search](#) - [sigda.org](#) - [sigda.org](#) - [acm.org](#)

Microprocessor design project in an introductory VLSI course

RB Brown, RJ Lomax, G Carichner, AJ Drake - IEEE TRANS EDUC, 2000 - [ieeexplore.ieee.org](#)

... [Online] Available: <http://www.eecs.umich.edu/eecs/dco/ecad> [6] Mentor Graphics

Corporation ... His interests include **mixed signal** circuits and SOI technology. ...

[Cited by 11](#) - [Web Search](#) - [eecs.umich.edu](#) - [ieeexplore.ieee.org](#) - [csa.com](#)

Generation of 3D Isosurfaces by Means of the Marching Cube Algorithm

TW Michael Bartsch, M Witting - IEEE TRANSACTIONS ON MAGNETICS, 1996 - [ieeexplore.ieee.org](#)

... If triangulations are **mixed** ... has been implemented to the postprocessor of the ECAD

software MAFIA. ... in this example is driven by a time harmonic **signal**, and the ...

[Web Search](#)

Intercellular Adhesions as Determinants of Tissue Assembly and Malignant Invasion

M INTERCELLULAR - JOURNAL OF CELLULAR PHYSIOLOGY, 1997 - [doi.wiley.com](#)

... cells were **mixed** randomly with cells from other tis- ... cell's **signal** transduction systems ...

demonstrated that the surface tension of a cell aggre- **Ecad**, was used ...

[Web Search](#) - [doi.wiley.com](#)

Biogenesis of polarized epithelial cells during kidney development in situ: roles of E-cadherin- ...

PA Piepenhagen, WJ Nelson - Mol Biol Cell, 1998 - [intl.molbiolcell.org](#)

... were thawed on ice and **mixed** with 4 ... **Ecad** ECD), E-cadherin cytoplasmic domain (**Ecad**
Cyto), -catenin ... fold induction relative to weakest **signal** obtained (usually ...

[Cited by 23](#) - [Web Search](#) - [pubmedcentral.nih.gov](#) - [molbiolcell.org](#) - [ncbi.nlm.nih.gov](#)

New mode of DNA binding of multi-zinc finger transcription factors: delta EF 1 family members bind ...

JE Remacle, H Kraft, W Lerchner, G Wuytens, C ... - The EMBO Journal, 1999 - [nature.com](#)

... at stage 11 and cleared for better visualization of the **signal**. ... sites is CACCT-N

n -AGGTG, whereas in **Ecad** it is ... In lane 10, we **mixed** 10 pg of XbraE with 10 pg ...

[Cited by 47](#) - [Web Search](#) - [embojournal.npgjournals.com](#) - [ncbi.nlm.nih.gov](#) - [ncbi.nlm.nih.gov](#)

Filling and slotting: Analysis and algorithms

AB Kahng, G Robins, A Singh, H Wang, A Zelikovsky - The 1998 International Symposium on Physical Design, ISPD-98, 1998 - [portal.acm.org](#)

... the layout. Today, however, **ECAD** tools for physical design and verification
cannot remain oblivious to such post-processing. With ...

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Cadherin function in junctional complex rearrangement and posttranslational control of cadherin ...

ML Troxell, YT Chen, N Cobb, WJ Nelson, JA Marrs - Am J Physiol Cell Physiol, 1999 - [ajpcell.physiology.org](#)

... S-transferase-E-cadherin (GST-**ECad**) fusion protein ... the glycosyl phosphatidylinositol
(GPI) modification **signal**] joined in ... the two reactions were **mixed** and used ...

[Cited by 29](#) - [Web Search](#) - [ajpcell.physiology.org](#) - [ncbi.nlm.nih.gov](#)

Retargetable code generation based on structural processor descriptions

R Leupers, P Marwedel - Design Automation for Embedded Systems, 1998 - [kluweronline.com](#)

... in particular for embedded systems involving **signal** processing under ... provides a natural
link to **ECAD** environments ... CHESS and CodeSyn make use of **mixed** models, ie ...

[Cited by 51](#) - [Web Search](#) - [ingentaconnect.com](#) - [ls12-www.informatik.uni-dortmund.de](#) - [eldorado.uni-dortmund.de](#) - [all 6
versions »](#)

